					Location	Aztec Water Intake
					Sample ID	Aztec Water Intake
					Date	8/6/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur		T
Metals, Dissolved			1 RSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.041 J
Antimony, Dissolved	7440-36-0	mg/l				0.0012 J
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.0005
Barium, Dissolved	7440-39-3	mg/l	33000			0.075
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.00002 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.00003 J
Calcium, Dissolved	7440-70-2	mg/l				59.1
Chromium, Dissolved	7440-47-3	mg/l	210000	100		0.0036
Cobalt, Dissolved	7440-48-4	mg/l	50			0.0001
Copper, Dissolved	7440-50-8		6700	100		0.0014
ron, Dissolved	7439-89-6	mg/l	120000			0.005 J
Lead, Dissolved	7439-92-1	mg/l	200	100		0.00006 J
Magnesium, Dissolved	7439-95-4					9.16
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.029
Mercury, Dissolved	7439-97-6					0.00007 J
Molybdenum, Dissolved	7439-98-7	mg/l				0.0012
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0022
Potassium, Dissolved	7440-09-7	mg/l				2.33
Selenium, Dissolved	7782-49-2	mg/l		20		0.0006 J
Silver, Dissolved	7440-22-4	mg/l				< 0.00003 U
Sodium, Dissolved	7440-23-5	mg/l				16
Thallium, Dissolved	7440-28-0		1.7			0.0001
Vanadium, Dissolved	7440-62-2	mg/l	830			0.0012
Zinc, Dissolved	7440-66-6		50000			0.026 J
Metals, Total	7 4 40 00 0	1116/1	30000			0.0203
Aluminum, Total	7429-90-5	mg/l				0.982
Antimony, Total	7440-36-0					0.0007
Arsenic, Total	7440-38-2	mg/l				0.0009
Barium, Total	7440-38-2					0.0977
Beryllium, Total	7440-33-3	mg/l			<del></del>	0.00009 J
Cadmium, Total	7440-41-7					0.0002
Calcium, Total	7440-43-9				<u></u>	59.9
,	7440-70-2	•				0.0004 J
Chromium, Total						
Cobalt, Total	7440-48-4					0.0007
Copper, Total	7440-50-8	mg/l				0.0044
ron, Total	7439-89-6					0.977
Lead, Total	7439-92-1	mg/l				0.005
Magnesium, Total	7439-95-4	-				9.39
Manganese, Total	7439-96-5					0.12
Mercury, Total	7439-97-6					< 0.00002 U
Molybdenum, Total	7439-98-7	mg/l				0.0012

Total Hardness Total Suspended Solids	STL00009 STL00161	mg/L mg/L	 Total Hardness  Total Suspended Solids	STL00009 STL00161
pH	STL00204	SU	 pH	STL00204
Alkalinity	STL00171	mg/L	 Alkalinity	STL00171
General			 General	
Zinc, Total	7440-66-6	mg/l	 Zinc, Total	7440-66-6
Vanadium, Total	7440-62-2	mg/l	 Vanadium, Total	7440-62-2
Thallium, Total	7440-28-0	mg/l	 Thallium, Total	7440-28-0
Sodium, Total	7440-23-5	mg/l	 Sodium, Total	7440-23-5
Silver, Total	7440-22-4	mg/l	 Silver, Total	7440-22-4
Selenium, Total	7782-49-2	mg/l	 Selenium, Total	7782-49-2
Potassium, Total	7440-09-7	mg/l	 Potassium, Total	7440-09-7
Nickel, Total	7440-02-0	mg/l	 Nickel, Total	7440-02-0

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) - Data Estimated qualifier (also applied to all

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known

Bold - Bolded results identify a detected valu

U - Analyte not detected at or above MDL qua

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter)

ug/L - Parts per billion (micrograms per liter).

			Location	Aztec Water Intake	Farmington Water Intake	ADWS-IT1
			Sample ID	Aztec Water Intake	Farmington Water Intake	ADWS-IT1-150807-21
			Date	8/6/2015	8/6/2015	8/7/2015
Units						
F	Recreationa 1 RSL	Agricultuı e	•			
mg/l	170000			0.041 J	0.044 J	0.032 J
mg/l				0.0012 J	0.0007 J	< 0.001 U
mg/l	50	100		0.0005	0.0006	0.00052 J
mg/l	33000			0.075	0.0698	0.066
mg/l	330	100		< 0.00002 U	< 0.00002 U	< 0.0004 U
mg/l	83	10		0.00003 J	0.00002 J	< 0.0001 U
mg/l				59.1	62	58
mg/l	210000	100		0.0036	0.0035	< 0.002 U
mg/l	50			0.0001	0.0002	0.00012 J
mg/l	6700	100		0.0014	0.0014	0.001
mg/l	120000			0.005 J	< 0.003 U	< 0.05 U
mg/l	200	100		0.00006 J	0.00005 J	< 0.0003 U
mg/l				9.16	9.58	8.5
mg/l	7800	200		0.029	0.036	0.0071
mg/l				0.00007 J	0.00003 J	< 0.0002 U
mg/l				0.0012	0.0012	0.001
mg/l	330	200		0.0022	0.0021	0.0014
mg/l				2.33	2.54	2.2
mg/l		20		0.0006 J	0.0007 J	< 0.002 U
mg/l				< 0.00003 U	< 0.00003 U	< 0.001 U
mg/l				16	19.8	14
mg/l	1.7			0.0001	0.0001	< 0.0002 U
mg/l	830			0.0012	0.0014	0.00032 J
mg/l	50000			0.026 J	0.027 J	< 0.02 U
***6/*	30000			1 0.0203	) VIOLA	10,020
mg/l				0.982	2.53	0.6
mg/l				0.0007	0.0003 J	< 0.001 U
mg/l				0.0009	0.0011	0.00061 J
mg/l				0.0977	0.0987	0.071
mg/l				0.00009 J	0.0002 J	< 0.0004 U
mg/l				0.0002	0.0002	0.000099 J
mg/l				59.9	63.1	58
mg/l				0.0004 J	0.0011	< 0.002 U
mg/l				0.0007	0.0011	0.00032 J
mg/l				0.0044	0.0055	0.0024
mg/l				0.977	2.06	0.48
mg/l				0.005	0.006	0.002
mg/l				9.39	9.88	8.5
mg/l				0.12	0.158	0.06
mg/l				< 0.00002 U	< 0.00002 U	< 0.0002 U
mg/l				0.0012	0.0011	0.0011

Nickel, Total	7440-02-0	mg/l	-	-	mg/l	
Potassium, Total	7440-09-7	mg/l	_	-	mg/l	
Selenium, Total	7782-49-2	mg/l	_	-	mg/l	
Silver, Total	7440-22-4	mg/l	_	-	mg/l	
Sodium, Total	7440-23-5	mg/l	_	-	mg/l	
Thallium, Total	7440-28-0	mg/l	_	-	mg/l	
Vanadium, Total	7440-62-2	mg/l		-	mg/l	
Zinc, Total	7440-66-6	mg/l		-	mg/l	
General						
Alkalinity	STL00171	mg/L	_	- 1	mg/L	
рН	STL00204	SU	_	-	SU	
Total Hardness	STL00009	mg/L	_	- 1	mg/L	
Total Suspended Solids	STL00161	mg/L	_	- 1	mg/L	

#### Bold - Bolded results identify a detected value.

e.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL pata less than PQL, greater than or equal to M

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

as reporting limit.

lifier

. Solids equivalent = mg/Kg. Solids equivalent = ug/Kg

Location	Aztec Water Intake	Farmington Water Intake	ADWS-IT1	ADWS-IT1
			1.5	
Sample ID	Aztec Water Intake	Farmington Water Intake	ADWS-IT1-150807-21	
Date	8/6/2015	8/6/2015	8/7/2015	8/7/2015
	0.041 J	0.044 J	0.032 J	0.034 J
	0.0012 J	0.0007 J	< 0.001 U	< 0.001 U
	0.0005	0.0006	0.00052 J	0.00057 J
	0.075	0.0698	0.066	0.066
	< 0.00002 U	< 0.00002 U	< 0.0004 U	< 0.0004 U
	0.00003 J	0.00002 J	< 0.0001 U	< 0.0001 U
	59.1	62	58	58
	0.0036	0.0035	< 0.002 U	< 0.002 U
	0.0001	0.0002	0.00012 J	0.00013 J
	0.0014	0.0014	0.001	0.0011
	0.005 J	< 0.003 U	< 0.05 U	< 0.05 U
	0.00006 J	0.00005 J	< 0.0003 U	< 0.0003 U
	9.16	9.58	8.5	8.5
	0.029	0.036	0.0071	0.0078
	0.00007 J	0.00003 J	< 0.0002 U	< 0.0002 U
	0.0012	0.0012	0.001	0.0011
	0.0022	0.0021	0.0014	0.0014
	2.33	2.54	2.2	2.2
	0.0006 J	0.0007 J	< 0.002 U	< 0.002 U
	< 0.00003 U	< 0.00003 U	< 0.001 U	< 0.001 U
	16	19.8	14	14
	0.0001	0.0001	< 0.0002 U	< 0.0002 U
	0.0012	0.0014	0.00032 J	< 0.001 U
	0.026 J	0.027 J	< 0.02 U	< 0.02 U
		L		
	0.982	2.53	0.6	0.66
	0.0007	0.0003 J	< 0.001 U	< 0.001 U
	0.0009	0.0011	0.00061 J	0.00084 J
	0.0977	0.0987	0.071	0.072
	0.00009 J	0.0002 J	< 0.0004 U	< 0.0004 U
	0.0002	0.0002	0.000099 J	0.00011
	59.9	63.1	58	58
	0.0004 J	0.0011	< 0.002 U	< 0.002 U
	0.0007	0.0011	0.00032 J	0.00035 J
	0.0044	0.0055	0.0024	0.0027
	0.977	2.06	0.48	0.53
	0.005	0.006	0.002	0.0022
	9.39	9.88	8.5	8.5
	0.12	0.158	0.06	0.065
	< 0.00002 U	< 0.00002 U	< 0.0002 U	< 0.0002 U
	0.0012	0.0011	0.0011	0.001

Nickel, Total	7440-02-0	mg/l		 	0.0029
Potassium, Total	7440-09-7	mg/l		 	2.68
Selenium, Total	7782-49-2	mg/l		 	0.0004 J
Silver, Total	7440-22-4	mg/l		 	< 0.00003 U
Sodium, Total	7440-23-5	mg/l		 	15.9
Thallium, Total	7440-28-0	mg/l		 	0.0001
Vanadium, Total	7440-62-2	mg/l		 	0.0017
Zinc, Total	7440-66-6	mg/l		 	0.059
General					
Alkalinity	STL00171	mg/L		 	
рН	STL00204	SU		 	
Total Hardness	STL00009	mg/L		 	
Total Suspended Solids	STL00161	mg/L		 	

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	Farmington Water Intake
					Sample ID	Farmington Water Intake
					Date	8/6/2015
Analyte	CAS.NO	Units				
•	<u> </u>	L	Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.044 J
Antimony, Dissolved	7440-36-0	mg/l				0.0007 J
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.0006
Barium, Dissolved	7440-39-3	mg/l	33000			0.0698
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.00002 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.00002 J
Calcium, Dissolved	7440-70-2	mg/l				62
Chromium, Dissolved	7440-47-3	mg/l	210000	100		0.0035
Cobalt, Dissolved	7440-48-4	mg/l	50			0.0002
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.0014
ron, Dissolved	7439-89-6	mg/l	120000			< 0.003 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.00005 J
Magnesium, Dissolved	7439-95-4	mg/l				9.58
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.036
Mercury, Dissolved	7439-97-6	mg/l				0.00003 J
Molybdenum, Dissolved	7439-98-7	mg/l				0.0012
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0021
Potassium, Dissolved	7440-09-7	mg/l				2.54
Selenium, Dissolved	7782-49-2	mg/l		20		0.0007 J
Silver, Dissolved	7440-22-4	mg/l				< 0.00003 U
Sodium, Dissolved	7440-23-5	mg/l				19.8
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.0001
Vanadium, Dissolved	7440-62-2	mg/l	830			0.0014
Zinc, Dissolved	7440-66-6	mg/l	50000			0.027 J
Metals, Total				,		
Aluminum, Total	7429-90-5	mg/l				2.53
Antimony, Total	7440-36-0					0.0003 J
Arsenic, Total	7440-38-2	mg/l				0.0011
Barium, Total	7440-39-3					0.0987
Beryllium, Total	7440-41-7					0.0002 J
Cadmium, Total	7440-43-9					0.0002
Calcium, Total	7440-70-2					63.1
Chromium, Total	7440-47-3					0.0011
Cobalt, Total	7440-48-4					0.0011
Copper, Total	7440-50-8					0.0055
ron, Total	7439-89-6					2.06
Lead, Total	7439-92-1					0.006
Magnesium, Total	7439-95-4					9.88
Manganese, Total	7439-96-5					0.158
Mercury, Total	7439-97-6					< 0.00002 U
Molybdenum, Total	7439-98-7					0.0011

Nickel, Total	7440-02-0	mg/l		0.0038
Potassium, Total	7440-09-7	mg/l		3.01
Selenium, Total	7782-49-2	mg/l		0.0004 J
Silver, Total	7440-22-4	mg/l		< 0.00003 U
Sodium, Total	7440-23-5	mg/l		19.8
Thallium, Total	7440-28-0	mg/l		0.0001
Vanadium, Total	7440-62-2	mg/l		0.0036
Zinc, Total	7440-66-6	mg/l		0.062
General			-	
Alkalinity	STL00171	mg/L		
рН	STL00204	SU		
Total Hardness	STL00009	mg/L		
Total Suspended Solids	STL00161	mg/L		

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADWS-IT1
					Sample ID	ADWS-IT1-150807-21
					Date	8/7/2015
Analyte	CAS.NO	Units			Date	0,7,2013
Analyte	CHOITO		Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.032 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.00052 J
Barium, Dissolved	7440-39-3	mg/l	33000			0.066
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				58
Chromium, Dissolved	7440-47-3		210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.00012 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.001
ron, Dissolved	7439-89-6	mg/l	120000			< 0.05 U
ead, Dissolved	7439-92-1	mg/l	200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4	mg/l				8.5
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.0071
Mercury, Dissolved	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.001
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0014
Potassium, Dissolved	7440-09-7	mg/l				2.2
Selenium, Dissolved	7782-49-2	mg/l		20		< 0.002 U
Silver, Dissolved	7440-22-4	mg/l				< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l				14
Γhallium, Dissolved	7440-28-0	mg/l	1.7			< 0.0002 U
/anadium, Dissolved	7440-62-2	mg/l	830			0.00032 J
Zinc, Dissolved	7440-66-6	mg/l	50000			< 0.02 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				0.6
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00061 J
Barium, Total	7440-39-3	mg/l				0.071
Beryllium, Total	7440-41-7	mg/l				< 0.0004 U
Cadmium, Total	7440-43-9	mg/l				0.000099 J
Calcium, Total	7440-70-2	mg/l				58
Chromium, Total	7440-47-3	mg/l				< 0.002 U
Cobalt, Total	7440-48-4	mg/l				0.00032 J
Copper, Total	7440-50-8	mg/l				0.0024
ron, Total	7439-89-6	mg/l				0.48
ead, Total	7439-92-1	mg/l				0.002
Magnesium, Total	7439-95-4	mg/l				8.5
Manganese, Total	7439-96-5	mg/l				0.06
Mercury, Total	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.0011

Nickel, Total	7440-02-0	mg/l	 0.0016
Potassium, Total	7440-09-7	mg/l	 2.3
Selenium, Total	7782-49-2	mg/l	 < 0.002 U
Silver, Total	7440-22-4	mg/l	 < 0.001 U
Sodium, Total	7440-23-5	mg/l	 14
Thallium, Total	7440-28-0	mg/l	 0.00015 J
Vanadium, Total	7440-62-2	mg/l	 0.0008 J
Zinc, Total	7440-66-6	mg/l	 0.02
General			
Alkalinity	STL00171	mg/L	 92
ρΗ	STL00204	SU	 8.17 HF
Total Hardness	STL00009	mg/L	 180
Total Suspended Solids	STL00161	mg/L	 23

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

			8		Location	ADWS-IT1
					c in	ADMIC IT4 450007 22
					Sample ID	ADWS-IT1-150807-22
					Date	8/7/2015
Analyte	CAS.NO		D .			
Metals, Dissolved			Recreationa I RSL	Agricultur		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.034 J
Antimony, Dissolved	7440-36-0					< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.00057 J
Barium, Dissolved	7440-39-3		33000			0.066
Beryllium, Dissolved	7440-41-7		330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9		83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				58
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4		50			0.00013 J
Copper, Dissolved	7440-50-8	-	6700	100		0.0011
ron, Dissolved	7439-89-6	- O.	120000			< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4					8.5
Manganese, Dissolved	7439-96-5		7800	200		0.0078
Mercury, Dissolved	7439-97-6					< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.0011
Nickel, Dissolved	7440-02-0		330	200		0.0014
Potassium, Dissolved	7440-09-7					2.2
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4					< 0.001 U
Sodium, Dissolved	7440-23-5	-				14
Thallium, Dissolved	7440-28-0		1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2		830			< 0.001 U
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total		16/		And the property of the proper		
Aluminum, Total	7429-90-5	mg/l				0.66
Antimony, Total	7440-36-0					< 0.001 U
Arsenic, Total	7440-38-2					0.00084 J
Barium, Total	7440-39-3					0.072
Beryllium, Total	7440-41-7	mg/l				< 0.0004 U
Cadmium, Total	7440-43-9					0.00011
Calcium, Total	7440-70-2					58
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4					0.00035 J
Copper, Total	7440-50-8					0.0027
Iron, Total	7439-89-6					0.53
Lead, Total	7439-92-1					0.0022
Magnesium, Total	7439-95-4					8.5
Manganese, Total	7439-96-5					0.065
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.001

Nickel, Total	7440-02-0	mg/l		0.0018
Potassium, Total	7440-09-7	mg/l		2.3
Selenium, Total	7782-49-2	mg/l		< 0.002 U
Silver, Total	7440-22-4	mg/l		< 0.001 U
Sodium, Total	7440-23-5	mg/l		14
Thallium, Total	7440-28-0	mg/l		< 0.0002 U
Vanadium, Total	7440-62-2	mg/l		0.00094 J
Zinc, Total	7440-66-6	mg/l		0.021
General			-	
Alkalinity	STL00171	mg/L		93
рН	STL00204	SU		8.26 HF
Total Hardness	STL00009	mg/L		180
Total Suspended Solids	STL00161	mg/L		24

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADWS-IT2
					Sample ID	ADWS-IT2-150807-21
					Date	8/7/2015
Analyte	CAS.NO	Units				
Metals, Dissolved			Recreationa I RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.03 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.00054 J
Barium, Dissolved	7440-39-3	mg/l	33000			0.067
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				59
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.00013 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.0011
ron, Dissolved	7439-89-6	mg/l	120000			< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.000061 J
Magnesium, Dissolved	7439-95-4	mg/l				8.3
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.0071
Mercury, Dissolved	7439-97-6					< 0.0002 U
Molybdenum, Dissolved	7439-98-7					0.001
Nickel, Dissolved	7440-02-0		330	200		0.0014
Potassium, Dissolved	7440-09-7	mg/l				2.2
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4					< 0.001 U
Sodium, Dissolved	7440-23-5					13
Thallium, Dissolved	7440-28-0		1.7			0.00011 J
Vanadium, Dissolved	7440-62-2		830			< 0.001 U
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total	1	- 0/				
Aluminum, Total	7429-90-5	mg/l				0.54
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.00063 J
Barium, Total	7440-39-3					0.071
Beryllium, Total	7440-41-7					< 0.0004 U
Cadmium, Total	7440-43-9	mg/l				0.00011
Calcium, Total	7440-70-2	mg/l			<del></del>	58
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4					0.0003 J
Copper, Total	7440-50-8					0.0023
Iron, Total	7439-89-6				<u></u>	0.42
Lead, Total	7439-92-1	mg/l				0.0017
Magnesium, Total	7439-95-4					8.2
Manganese, Total	7439-96-5					0.053
Mercury, Total	7439-90-5					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l			<u></u>	0.001

Nickel, Total	7440-02-0	mg/l		0.0016
Potassium, Total	7440-09-7	mg/l		2.3
Selenium, Total	7782-49-2	mg/l		< 0.002 U
Silver, Total	7440-22-4	mg/l		< 0.001 U
Sodium, Total	7440-23-5	mg/l		13
Thallium, Total	7440-28-0	mg/l		< 0.0002 U
Vanadium, Total	7440-62-2	mg/l		0.00083 J
Zinc, Total	7440-66-6	mg/l		0.019 J
General			-	
Alkalinity	STL00171	mg/L		93
рН	STL00204	SU		8.2 HF
Total Hardness	STL00009	mg/L		180
Total Suspended Solids	STL00161	mg/L		21

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FWS-ARP2
					Sample ID	FWS-ARP2-150807-21
					Date	8/7/2015
Analyte	CAS.NO		D .:	A • 1/		
Metals, Dissolved			Recreationa I RSL	Agricultui e	•	
Aluminum, Dissolved	7429-90-5	mg/l	170000			0.029 J
Antimony, Dissolved	7440-36-0	mg/l				< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.00074 J
Barium, Dissolved	7440-39-3	mg/l	33000			0.069
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				68
Chromium, Dissolved	7440-47-3		210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4		50			0.00016 J
Copper, Dissolved	7440-50-8		6700	100		0.0012
ron, Dissolved	7439-89-6		120000			< 0.05 U
Lead, Dissolved	7439-92-1		200	100		< 0.0003 U
Magnesium, Dissolved	7439-95-4					9.6
Manganese, Dissolved	7439-96-5		7800	200		0.021
Mercury, Dissolved	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Dissolved	7439-98-7					0.0012
Nickel, Dissolved	7440-02-0		330	200		0.0015
Potassium, Dissolved	7440-09-7					2.4
Selenium, Dissolved	7782-49-2			20		< 0.002 U
Silver, Dissolved	7440-22-4					< 0.001 U
Sodium, Dissolved	7440-23-5					22
Thallium, Dissolved	7440-28-0		1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2		830			< 0.001 U
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total		-				
Aluminum, Total	7429-90-5	mg/l				1.4
Antimony, Total	7440-36-0					< 0.001 U
Arsenic, Total	7440-38-2					0.00081 J
Barium, Total	7440-39-3					0.079
Beryllium, Total	7440-41-7					< 0.0004 U
Cadmium, Total	7440-43-9					0.000092 J
Calcium, Total	7440-70-2					67
Chromium, Total	7440-47-3					< 0.002 U
Cobalt, Total	7440-48-4	<u> </u>				0.00052
Copper, Total	7440-50-8					0.0031
ron, Total	7439-89-6					1
Lead, Total	7439-92-1	mg/l				0.0026
Magnesium, Total	7439-95-4	mg/l				9.6
Manganese, Total	7439-96-5	mg/l				0.091
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.0012

Nickel, Total	7440-02-0	mg/l	 0.0021
Potassium, Total	7440-09-7	mg/l	 2.6
Selenium, Total	7782-49-2	mg/l	 < 0.002 U
Silver, Total	7440-22-4	mg/l	 < 0.001 U
Sodium, Total	7440-23-5	mg/l	 22
Thallium, Total	7440-28-0	mg/l	 < 0.0002 U
Vanadium, Total	7440-62-2	mg/l	 0.0019
Zinc, Total	7440-66-6	mg/l	 0.02
General			
Alkalinity	STL00171	mg/L	 91
рΗ	STL00204	SU	 8.31 HF
Total Hardness	STL00009	mg/L	 210
Total Suspended Solids	STL00161	mg/L	 43

#### Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-FD
					Sample ID	LVW-FD-150807-21
					Date	8/7/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur		
Metals, Dissolved		I .	IRSL	е		I
Aluminum, Dissolved	7429-90-5		170000			< 0.2 U
Antimony, Dissolved	7440-36-0	mg/l				< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.0011
Barium, Dissolved	7440-39-3		33000			0.11
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l				77
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.00022 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		0.0014
ron, Dissolved	7439-89-6	mg/l	120000			0.042 J
Lead, Dissolved	7439-92-1	mg/l	200	100		0.00018 J
Magnesium, Dissolved	7439-95-4	mg/l				10
Manganese, Dissolved	7439-96-5	mg/l	7800	200		0.024
Mercury, Dissolved	7439-97-6	mg/l				< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.0015
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.0021
Potassium, Dissolved	7440-09-7	mg/l				2.8
Selenium, Dissolved	7782-49-2	mg/l		20		< 0.002 U
Silver, Dissolved	7440-22-4	mg/l				< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l				31
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.00044 J
Zinc, Dissolved	7440-66-6		50000			< 0.02 U
Metals, Total	•					
Aluminum, Total	7429-90-5	mg/l				2.3
Antimony, Total	7440-36-0	mg/l				< 0.001 U
Arsenic, Total	7440-38-2	mg/l				0.0014
Barium, Total	7440-39-3					0.12
Beryllium, Total	7440-41-7	mg/l				< 0.0004 U
Cadmium, Total	7440-43-9					0.000064 J
Calcium, Total	7440-70-2	mg/l				75
Chromium, Total	7440-47-3	mg/l				0.0012 J
Cobalt, Total	7440-48-4	mg/l				0.00056
Copper, Total	7440-50-8	mg/l				0.0031
ron, Total	7439-89-6	mg/l				1.4
Lead, Total	7439-92-1	mg/l				0.0029
Magnesium, Total	7439-95-4	mg/l				10
Manganese, Total	7439-96-5	mg/l				0.083
Mercury, Total	7439-97-6					< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l				0.0015

Nickel, Total	7440-02-0	mg/l		0.0024
Potassium, Total	7440-09-7	mg/l		3.2
Selenium, Total	7782-49-2	mg/l		< 0.002 U
Silver, Total	7440-22-4	mg/l		< 0.001 U
Sodium, Total	7440-23-5	mg/l		29
Thallium, Total	7440-28-0	mg/l		< 0.0002 U
Vanadium, Total	7440-62-2	mg/l		0.0031
Zinc, Total	7440-66-6	mg/l		0.013 J
General			<u> </u>	
Alkalinity	STL00171	mg/L		120
рН	STL00204	SU		8.11 HF
Total Hardness	STL00009	mg/L		230
Total Suspended Solids	STL00161	mg/L		36

#### Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADWS-ARP
					Sample ID	ADWS-ARP-150808 11
					Date	8/8/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5		170000			< 200 U
Antimony, Dissolved	7440-36-0					< 1 U
Arsenic, Dissolved	7440-38-2		50	100		0.58 J
Barium, Dissolved	7440-39-3		33000			49
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2					61000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4		50			< 0.4 U
Copper, Dissolved	7440-50-8		6700	100		1.3
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.17 J
Magnesium, Dissolved	7439-95-4	mg/l				8100
Manganese, Dissolved	7439-96-5	mg/l	7800	200		2.9
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.5
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				14000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 1 U
Zinc, Dissolved	7440-66-6		50000			< 20 U F1
Metals, Total	•					
Aluminum, Total	7429-90-5	mg/l				4200
Antimony, Total	7440-36-0					1.5
Arsenic, Total	7440-38-2					11
Barium, Total	7440-39-3					97
Beryllium, Total	7440-41-7					0.29 J
Cadmium, Total	7440-43-9					0.55
Calcium, Total	7440-70-2					69000
Chromium, Total	7440-47-3					1.7 J
Cobalt, Total	7440-48-4					1.3
Copper, Total	7440-50-8					49
ron, Total	7439-89-6					15000
Lead, Total	7439-92-1					230
Magnesium, Total	7439-95-4					9400
Manganese, Total	7439-96-5					260
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7					4

Nickel, Total	7440-02-0	mg/l		2.1
Potassium, Total	7440-09-7	mg/l		3700
Selenium, Total	7782-49-2	mg/l		0.58 J
Silver, Total	7440-22-4	mg/l		1.6
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.12 J
Vanadium, Total	7440-62-2	mg/l		10
Zinc, Total	7440-66-6	mg/l		180
General				
Alkalinity	STL00171	mg/L		87
рΗ	STL00204	SU		8.04 HF
Total Hardness	STL00009	mg/L		290
Total Suspended Solids	STL00161	mg/L		210
				140

#### Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADWS-IT1
					Sample ID	ADWS-IT1-150808- 11
					Date	8/8/2015
Analyte	CAS.NO	Units				
			Recreationa		r	
Metals, Dissolved Aluminum, Dissolved	7429-90-5	mg/l	1 RSL 170000	e		< 200 U
Antimony, Dissolved	7440-36-0	mg/l	170000			< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		<1U
Barium, Dissolved	7440-38-2	mg/l	33000	100		50
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-41-7	mg/l	83	100		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l	05	10		60000
Chromium, Dissolved	7440-70-2	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-47-3	mg/l	50	100		< 0.4 U
Copper, Dissolved	7440-48-4	mg/l	6700	100		1.4
ron, Dissolved	7439-89-6	mg/l	120000	100		< 50 U
Lead, Dissolved	7439-83-0	mg/l	200	100		0.15 J
Magnesium, Dissolved	7439-92-1	mg/l	200	100		8100
Manganese, Dissolved	7439-95-4	mg/l	7800	200		3
Mercury, Dissolved	7439-90-3	mg/l	7800	200		< 0.2 U
Molybdenum, Dissolved	7439-97-0	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-02-0	mg/l	330	200		2100
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l		20		<1U
Sodium, Dissolved	7440-23-5	mg/l				13000
Thallium, Dissolved	7440-23-3	mg/l	1.7			0.15 J
Vanadium, Dissolved	7440-28-0	mg/l	830			<1U
Zinc, Dissolved	7440-62-2		50000			< 20 U
Metals, Total	7440-00-0	IIIg/I	30000			\ 20 U
Aluminum, Total	7429-90-5	ma/1				2800
Antimony, Total	7440-36-0					1.1
Arsenic, Total	7440-38-2					7.6
Barium, Total	7440-38-2	mg/l				84
	7440-39-3	mg/l				
Beryllium, Total		mg/l				0.2 J 0.4
Cadmium, Total	7440-43-9	mg/l				
Calcium, Total	7440-70-2	mg/l				67000
Chromium, Total	7440-47-3	mg/l				1.1 J
Cobalt, Total	7440-48-4	mg/l				0.95 34
Copper, Total	7440-50-8	mg/l				
ron, Total	7439-89-6	mg/l				10000
Lead, Total	7439-92-1	mg/l				150
Magnesium, Total	7439-95-4	mg/l				9100
Manganese, Total	7439-96-5	mg/l				200
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				3

Nickel, Total	7440-02-0	mg/l	 1.8
Potassium, Total	7440-09-7	mg/l	 3200
Selenium, Total	7782-49-2	mg/l	 < 2 U
Silver, Total	7440-22-4	mg/l	 1
Sodium, Total	7440-23-5	mg/l	 14000
Thallium, Total	7440-28-0	mg/l	 < 0.2 U
Vanadium, Total	7440-62-2	mg/l	 6.9
Zinc, Total	7440-66-6	mg/l	 140
General			
Alkalinity	STL00171	mg/L	 94
рΗ	STL00204	SU	 8.06 HF
Total Hardness	STL00009	mg/L	 260
Total Suspended Solids	STL00161	mg/L	 200
			93

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADWS-IT2
					Sample ID	ADWS-IT2-150808- 11
					Date	8/8/2015
Analyte	CAS.NO	Units			- 400	, ,
	4		Recreationa	Agricultur		T. Control of the Con
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.5 J
Barium, Dissolved	7440-39-3	mg/l	33000			55
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				57000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			< 0.4 U
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.6
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.25 J
Magnesium, Dissolved	7439-95-4	mg/l				7800
Manganese, Dissolved	7439-96-5	mg/l	7800	200		5.6
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.41 J
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				1900
Antimony, Total	7440-36-0	mg/l				0.73 J
Arsenic, Total	7440-38-2	mg/l				4.4
Barium, Total	7440-39-3	mg/l				75
Beryllium, Total	7440-41-7	mg/l				< 0.4 U
Cadmium, Total	7440-43-9					0.3
Calcium, Total	7440-70-2					61000
Chromium, Total	7440-47-3					< 2 U
Cobalt, Total	7440-48-4					0.68
Copper, Total	7440-50-8	mg/l				23
ron, Total	7439-89-6					6000
Lead, Total	7439-92-1	mg/l				81
Magnesium, Total	7439-95-4					8400
Manganese, Total	7439-96-5	-				150
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				2

Nickel, Total	7440-02-0	mg/l	 1.4
Potassium, Total	7440-09-7	mg/l	 2900
Selenium, Total	7782-49-2	mg/l	 < 2 U
Silver, Total	7440-22-4	mg/l	 0.55 J
Sodium, Total	7440-23-5	mg/l	 13000
Thallium, Total	7440-28-0	mg/l	 < 0.2 U
Vanadium, Total	7440-62-2	mg/l	 4.3
Zinc, Total	7440-66-6	mg/l	 110
General			- 1.00 (1.00
Alkalinity	STL00171	mg/L	 91
рН	STL00204	SU	 8.13 HF
Total Hardness	STL00009	mg/L	 260
Total Suspended Solids	STL00161	mg/L	 190
			67

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FWS-ARP2
					Sample ID	FWS-ARP2-150808
					Date	8/8/2015
Analyte	CAS.NO	Name of the Control o				
Metals, Dissolved			Recreationa I RSL		•	
Aluminum, Dissolved	7429-90-5	mg/l	170000	e		< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.38 J
Barium, Dissolved	7440-39-3	mg/l	33000			56
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2					66000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.4
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.14 J
Magnesium, Dissolved	7439-95-4	mg/l				8300
Manganese, Dissolved	7439-96-5	mg/l	7800	200		1.7 J
Mercury, Dissolved	7439-97-6					< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.7
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.4
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				16000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.37 J
Zinc, Dissolved	7440-66-6		50000			< 20 U F1
Metals, Total		6/		The View Name of the Vi		
Aluminum, Total	7429-90-5	mg/I				5300 F1
Antimony, Total	7440-36-0	mg/l				1.6
Arsenic, Total	7440-38-2					11
Barium, Total	7440-39-3					100
Beryllium, Total	7440-41-7	mg/l				0.31 J
Cadmium, Total	7440-43-9	mg/l				0.5
Calcium, Total	7440-70-2	mg/l				69000
Chromium, Total	7440-47-3	mg/l				1.8 J
Cobalt, Total	7440-48-4	mg/l				1.2
Copper, Total	7440-50-8					47
ron, Total	7439-89-6	mg/l				16000
Lead, Total	7439-92-1	mg/l				220
Magnesium, Total	7439-95-4	mg/l				9400
Manganese, Total	7439-96-5	mg/l				220
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				4.1

Nickel, Total	7440-02-0	mg/l		2.1
Potassium, Total	7440-09-7	mg/l		4000
Selenium, Total	7782-49-2	mg/l		1 J
Silver, Total	7440-22-4	mg/l		1.6
Sodium, Total	7440-23-5	mg/l		17000
Thallium, Total	7440-28-0	mg/l		0.12 J
Vanadium, Total	7440-62-2	mg/l		11
Zinc, Total	7440-66-6	mg/l		170
General				
Alkalinity	STL00171	mg/L		88
рН	STL00204	SU		8.1 HF
Total Hardness	STL00009	mg/L		290
Total Suspended Solids	STL00161	mg/L		210
				170

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FWS-FDPS
					Sample ID	FWS-FDPS-150808 11
					Date	8/8/2015
Analyte	CAS.NO	Committee of the Commit				
Metals, Dissolved			Recreationa I RSL	Agricultui e	•	
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.76 J
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2					66000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4		50			0.14 J
Copper, Dissolved	7440-50-8		6700	100		1.6
ron, Dissolved	7439-89-6		120000			< 50 U
Lead, Dissolved	7439-92-1		200	100		0.2 J
Magnesium, Dissolved	7439-95-4	mg/l				8400
Manganese, Dissolved	7439-96-5		7800	200		1.6 J
Mercury, Dissolved	7439-97-6					< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.7
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.8
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4					< 1 U
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2		830			0.36 J
Zinc, Dissolved	7440-66-6	<u> </u>	50000			< 20 U
Metals, Total	17.110.00.0	11.97				1 200
Aluminum, Total	7429-90-5	mø/l				5000
Antimony, Total	7440-36-0					1.4
Arsenic, Total	7440-38-2					10
Barium, Total	7440-39-3					110
Beryllium, Total	7440-33-3					0.3 J
Cadmium, Total	7440-43-9					0.45
Calcium, Total	7440-70-2					70000
Chromium, Total	7440-70-2					1.8 J
Cobalt, Total	7440-47-3				<del></del>	1.3
Copper, Total	7440-48-4					43
Iron, Total	7439-89-6					14000
Lead, Total	7439-89-6					200
Magnesium, Total	7439-92-1					9600
Manganesium, Total	7439-95-4					230
_						<u> </u>
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				3.7

Nickel, Total	7440-02-0	mg/l		2.3
Potassium, Total	7440-09-7	mg/l		3800
Selenium, Total	7782-49-2	mg/l		0.83 J
Silver, Total	7440-22-4	mg/l		1.4
Sodium, Total	7440-23-5	mg/l		17000
Thallium, Total	7440-28-0	mg/l		0.11 J
Vanadium, Total	7440-62-2	mg/l		10
Zinc, Total	7440-66-6	mg/l		160
General				•
Alkalinity	STL00171	mg/L		90
рН	STL00204	SU		8.1 HF
Total Hardness	STL00009	mg/L		290
Total Suspended Solids	STL00161	mg/L		210
				150

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-FD
					Sample ID	LVW-FD-150808-11
Analyte	CAS.NO	Unite			Date	8/8/2015
Allalyte	CAS.NO	Name of the Control o	Recreationa	Agricultui	•	
Metals, Dissolved			1 RSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			390
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.76 J
Barium, Dissolved	7440-39-3	mg/l	33000			81
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				52000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.23 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.7
ron, Dissolved	7439-89-6	mg/l	120000			220
Lead, Dissolved	7439-92-1	mg/l	200	100		0.5
Magnesium, Dissolved	7439-95-4	mg/l				6600
Manganese, Dissolved	7439-96-5	mg/l	7800	200		20
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.8
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.8
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				20000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.73 J
Zinc, Dissolved	7440-66-6		50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				22000
Antimony, Total	7440-36-0	mg/l				0.64 J
Arsenic, Total	7440-38-2					14
Barium, Total	7440-39-3					370
Beryllium, Total	7440-41-7	mg/l				1.2
Cadmium, Total	7440-43-9					0.34
Calcium, Total	7440-70-2	mg/l				64000
Chromium, Total	7440-47-3					12
Cobalt, Total	7440-48-4	mg/l				8.3
Copper, Total	7440-50-8					55
ron, Total	7439-89-6	mg/l				30000
Lead, Total	7439-92-1	mg/l				240
Magnesium, Total	7439-95-4	mg/l				11000
Manganese, Total	7439-96-5	mg/l				530
Mercury, Total	7439-97-6					0.089 J
Molybdenum, Total	7439-98-7	mg/l				3.4

Nickel, Total	7440-02-0	mg/l	 12
Potassium, Total	7440-09-7	mg/l	 7000
Selenium, Total	7782-49-2	mg/l	 1.4 J
Silver, Total	7440-22-4	mg/l	 1.6
Sodium, Total	7440-23-5	mg/l	 22000
Thallium, Total	7440-28-0	mg/l	 0.29
Vanadium, Total	7440-62-2	mg/l	 34
Zinc, Total	7440-66-6	mg/l	 160
General			
Alkalinity	STL00171	mg/L	 83
рΗ	STL00204	SU	 8.03 HF
Total Hardness	STL00009	mg/L	 260
Total Suspended Solids	STL00161	mg/L	 210
			910

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

			. 1		Location	LVW-WPI
					Sample ID	LVW-WPI-150808 11
					Date	8/8/2015
Analyte	CAS.NO	Units				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
301 (33 (34 (35 (35 (35 (35 (35 (35 (35 (35 (35 (35			Recreationa	Agricultur		<u>I</u>
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			270
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.76 J
Barium, Dissolved	7440-39-3	mg/l	33000			70
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				51000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.18 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.5
ron, Dissolved	7439-89-6	mg/l	120000			150
_ead, Dissolved	7439-92-1	mg/l	200	100		0.36
Magnesium, Dissolved	7439-95-4	mg/l				6500
Manganese, Dissolved	7439-96-5	mg/l	7800	200		3.5
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.8
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.5
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				19000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.15 J
Vanadium, Dissolved	7440-62-2	mg/l	830			0.68 J
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				29000
Antimony, Total	7440-36-0	mg/l				1.2
Arsenic, Total	7440-38-2	mg/l				15
Barium, Total	7440-39-3	mg/l				400
Beryllium, Total	7440-41-7	mg/l				1.5
Cadmium, Total	7440-43-9	mg/l				0.45
Calcium, Total	7440-70-2	mg/l				67000
Chromium, Total	7440-47-3	mg/l				17
Cobalt, Total	7440-48-4	mg/l	·			10
Copper, Total	7440-50-8	mg/l				58
ron, Total	7439-89-6	mg/l				36000
_ead, Total	7439-92-1	mg/l				240
Magnesium, Total	7439-95-4	mg/l				12000
Manganese, Total	7439-96-5	mg/l				620
Mercury, Total	7439-97-6	mg/l				< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				4.4

Nickel, Total	7440-02-0	mg/l	 14
Potassium, Total	7440-09-7	mg/l	 8400
Selenium, Total	7782-49-2	mg/l	 1 J
Silver, Total	7440-22-4	mg/l	 1.5
Sodium, Total	7440-23-5	mg/l	 21000
Thallium, Total	7440-28-0	mg/l	 0.37
Vanadium, Total	7440-62-2	mg/l	 46
Zinc, Total	7440-66-6	mg/l	 170
General			
Alkalinity	STL00171	mg/L	 83
рН	STL00204	SU	 8.02 HF
Total Hardness	STL00009	mg/L	 270
Total Suspended Solids	STL00161	mg/L	 220
			1100

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	MWSS-ARI
					Sample ID	MWSS-ARI-150808- 11
					Date	8/8/2015
Analyte	CAS.NO	Units				
-	1		Recreationa	Agricultui	•	A Committee Comm
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			< 200 U
Antimony, Dissolved	7440-36-0	mg/l				< 1 U
Arsenic, Dissolved	7440-38-2		50	100		0.52 J
Barium, Dissolved	7440-39-3	mg/l	33000			57
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				67000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50			0.15 J
Copper, Dissolved	7440-50-8	mg/l	6700	100		1.6
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.23 J
Magnesium, Dissolved	7439-95-4	mg/l				8600
Manganese, Dissolved	7439-96-5	mg/l	7800	200		4.3
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.7
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.9
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				<1U
Sodium, Dissolved	7440-23-5	mg/l				16000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3 J
Zinc, Dissolved	7440-66-6		50000			< 20 U
Metals, Total	•					
Aluminum, Total	7429-90-5	mg/l				4600
Antimony, Total	7440-36-0					1.5
Arsenic, Total	7440-38-2					11
Barium, Total	7440-39-3					110
Beryllium, Total	7440-41-7	<del> </del>				0.29 J
Cadmium, Total	7440-43-9					0.51
Calcium, Total	7440-70-2					68000
Chromium, Total	7440-47-3					1.8 J
Cobalt, Total	7440-48-4					1.3
Copper, Total	7440-50-8					46
ron, Total	7439-89-6					14000
Lead, Total	7439-92-1					210
Magnesium, Total	7439-95-4					9200
Manganese, Total	7439-96-5					230
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7					3.9

Nickel, Total	7440-02-0	mg/l	 2.2
Potassium, Total	7440-09-7	mg/l	 3600
Selenium, Total	7782-49-2	mg/l	 0.69 J
Silver, Total	7440-22-4	mg/l	 1.5
Sodium, Total	7440-23-5	mg/l	 16000
Thallium, Total	7440-28-0	mg/l	 0.11 J
Vanadium, Total	7440-62-2	mg/l	 10
Zinc, Total	7440-66-6	mg/l	 170
General			
Alkalinity	STL00171	mg/L	 89
рН	STL00204	SU	 8.12 HF
Total Hardness	STL00009	mg/L	 290
Total Suspended Solids	STL00161	mg/L	 210
			150

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1 Surfacewater Analytical Data - Region 6 Upper Animas River

					Location	NSW-ARI
					Sample ID	NSW-ARI-150808-11
					Date	8/8/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5		170000			< 200 U
Antimony, Dissolved	7440-36-0					< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.62 J
Barium, Dissolved	7440-39-3		33000			52
Beryllium, Dissolved	7440-41-7	mg/l	330	100		< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10		< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l				58000
Chromium, Dissolved	7440-47-3		210000	100		< 2 U
Cobalt, Dissolved	7440-48-4	-	50			0.12 J
Copper, Dissolved	7440-50-8		6700	100		1.5
ron, Dissolved	7439-89-6	mg/l	120000			< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100		0.15 J
Magnesium, Dissolved	7439-95-4	mg/l				7900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		5.4
Mercury, Dissolved	7439-97-6	mg/l				< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		< 2 U
Silver, Dissolved	7440-22-4	mg/l				< 1 U
Sodium, Dissolved	7440-23-5	mg/l				12000
Thallium, Dissolved	7440-28-0	mg/l	1.7			< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830			< 1 U
Zinc, Dissolved	7440-66-6	mg/l	50000			< 20 U
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				2200
Antimony, Total	7440-36-0	mg/l				0.93 J
Arsenic, Total	7440-38-2	mg/l				6.1
Barium, Total	7440-39-3	mg/l				80
Beryllium, Total	7440-41-7	mg/l				0.16 J
Cadmium, Total	7440-43-9	mg/l				0.38
Calcium, Total	7440-70-2	mg/l				63000
Chromium, Total	7440-47-3	mg/l				< 2 U
Cobalt, Total	7440-48-4	mg/l				0.78
Copper, Total	7440-50-8	mg/l				29
ron, Total	7439-89-6	mg/l				8300
Lead, Total	7439-92-1	mg/l				110
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5	mg/l				170
Mercury, Total	7439-97-6					< 0.2 U
Molybdenum, Total	7439-98-7	mg/l				2.5

Nickel, Total	7440-02-0	mg/l		1.7
Potassium, Total	7440-09-7	mg/l		3000
Selenium, Total	7782-49-2	mg/l		0.61 J
Silver, Total	7440-22-4	mg/l		0.8 J
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		< 0.2 U
Vanadium, Total	7440-62-2	mg/l		5.5
Zinc, Total	7440-66-6	mg/l		130
General				
Alkalinity	STL00171	mg/L		99
рН	STL00204	SU		8.12 HF
Total Hardness	STL00009	mg/L		270
Total Suspended Solids	STL00161	mg/L		190
				71

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

7429-90-5 7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	Recreationa 1 RSL 170000  50 33000 330 83	Agricultur e 100 100 10	Sample ID Date	ADW-010-150809-11 8/9/2015 24 0.4 0.37 60
7429-90-5 7440-36-0 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000 330	100 100		24 0.4 0.37
7429-90-5 7440-36-0 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000 330	100 100		24 0.4 0.37
7429-90-5 7440-36-0 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000 330	100 100	   	0.4 0.37
7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l mg/l	1 RSL 170000 50 33000 330	100 100	   	0.4 0.37
7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l mg/l	50 33000 330	100		0.4 0.37
7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l mg/l	33000 330	100		0.37
7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l	33000 330	100		
7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l mg/l	330			60
7440-43-9 7440-70-2 7440-47-3 7440-48-4	mg/l mg/l mg/l				
7440-70-2 7440-47-3 7440-48-4	mg/l mg/l	83	10	1	0.15
7440-47-3 7440-48-4	mg/l mg/l		ΤO		0.043
7440-48-4	mg/l				63000
7440-48-4		210000	100		1
	mg/l	50			0.12
		6700	100		1.9
7439-89-6		120000			17
			100		0.18
					8700
		7800	200		9.3
					0.08 U
					1.1
		330	200		0.99
					2200
			20		2
	<u> </u>				0.1
					14000
		1.7			0.1
					0.3
					29
	6/		The New York Name York Nam		
7429-90-5	mø/l				440
					0.4
					1.3
					70
					0.15
					0.19
					64000
					1
					0.42
					9.2
					1800
					14
					8600
					120
					0.08 U
					0.86
	7439-89-6 7439-92-1 7439-95-4 7439-97-6 7439-98-7 7440-02-0 7440-09-7 7440-23-5 7440-23-5 7440-28-0 7440-66-6 7429-90-5 7440-38-2 7440-38-2 7440-39-3 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-48-4 7439-96-5 7439-95-4 7439-95-4 7439-96-5	7439-92-1 mg/l 7439-95-4 mg/l 7439-96-5 mg/l 7439-97-6 mg/l 7439-98-7 mg/l 7440-02-0 mg/l 7440-09-7 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-62-2 mg/l 7440-66-6 mg/l 7440-38-0 mg/l 7440-38-0 mg/l 7440-39-3 mg/l 7440-41-7 mg/l 7440-40-70-2 mg/l 7440-40-8 mg/l 7440-70-2 mg/l 7440-70-2 mg/l 7440-70-2 mg/l 7440-70-2 mg/l 7440-70-2 mg/l 7440-70-2 mg/l 7440-70-1 mg/l 7440-70-1 mg/l 7440-70-2 mg/l 7440-70-1 mg/l 7440-70-1 mg/l 7440-70-2 mg/l 7440-70-1 mg/l 7439-96-1 mg/l 7439-96-1 mg/l 7439-96-1 mg/l	7439-89-6 mg/l 120000 7439-92-1 mg/l 200 7439-95-4 mg/l 7800 7439-96-5 mg/l 7800 7439-97-6 mg/l 7800 7439-98-7 mg/l 7440-02-0 mg/l 330 7440-09-7 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-23-5 mg/l 7440-66-6 mg/l 50000 7429-90-5 mg/l 7440-38-2 mg/l 7440-38-2 mg/l 7440-39-3 mg/l 7440-41-7 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-48-4 mg/l 7440-48-4 mg/l 7440-50-8 mg/l 7439-95-4 mg/l 7439-96-5 mg/l 7439-96-5 mg/l 7439-97-6 mg/l	7439-89-6 mg/l 120000 7439-92-1 mg/l 200 100 7439-95-4 mg/l 7800 200 7439-96-5 mg/l 7800 200 7439-97-6 mg/l 7800 200 7439-98-7 mg/l 7800 200 7440-02-0 mg/l 330 200 7440-09-7 mg/l 20 7440-22-4 mg/l 20 7440-23-5 mg/l 1.7 7440-28-0 mg/l 830 7440-66-6 mg/l 50000 7429-90-5 mg/l 7440-38-2 mg/l 7440-38-2 mg/l 7440-39-3 mg/l 7440-41-7 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-48-4 mg/l 7440-48-4 mg/l 7440-50-8 mg/l 7439-98-6 mg/l 7439-95-4 mg/l 7439-96-5 mg/l 7439-96-5 mg/l 7439-96-5 mg/l 7439-96-5 mg/l 7439-96-5 mg/l 7439-97-6 mg/l	7439-89-6 mg/l 120000 7439-92-1 mg/l 200 100 7439-95-4 mg/l 7800 200 7439-96-5 mg/l 7800 200 7439-97-6 mg/l 7440-02-0 mg/l 330 200 7440-09-7 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 1.7 7440-62-2 mg/l 830 7440-66-6 mg/l 50000 7440-38-2 mg/l 7440-38-2 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-43-9 mg/l 7440-44-4 mg/l 7440-48-4 mg/l 7440-50-8 mg/l 7439-90-1 mg/l

7440-02-0	mg/l		1
7440-09-7	mg/l		2300
7782-49-2	mg/l		2
7440-22-4	mg/l		0.1
7440-23-5	mg/l		14000
7440-28-0	mg/l		0.1
7440-62-2	mg/l		1.6
7440-66-6	mg/l		63
STL00171	mg/L		91
STL00204	SU		8.09
STL00009	mg/L		260
STL00161	mg/L		190
			260
	7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-62-2 7440-66-6 STL00171 STL00204 STL00009	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADW-021
					Sample ID	ADW-021-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur	•	
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	_	170000			24
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			59
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				63000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		1.8
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.076
Magnesium, Dissolved	7439-95-4	mg/l				8600
Manganese, Dissolved	7439-96-5	mg/l	7800	200		8.9
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2100
Selenium, Dissolved	7782-49-2	mg/l		20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6		50000			9.1
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				400
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.3
Barium, Total	7440-39-3	1				70
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.14
Calcium, Total	7440-70-2					65000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.39
Copper, Total	7440-50-8					8.6
ron, Total	7439-89-6					1600
Lead, Total	7439-92-1					14
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5					110
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					0.91

Nickel, Total	7440-02-0	mg/l		1
Potassium, Total	7440-09-7	mg/l		2200
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.4
Zinc, Total	7440-66-6	mg/l		60
General			-	
Alkalinity	STL00171	mg/L		85
рН	STL00204	SU		7.67
Total Hardness	STL00009	mg/L		160
Total Suspended Solids	STL00161	mg/L		200
				160

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

				100 mg	Location	ADW-022
					Sample ID	ADW-022-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units				
•	11 23-24 14	I control of the second	Recreationa	Agricultur	•	
Metals, Dissolved			LRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			37
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			61
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				62000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		2
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.33
Magnesium, Dissolved	7439-95-4	mg/l				8300
Manganese, Dissolved	7439-96-5	mg/l	7800	200		14
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				0.98
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2100
Selenium, Dissolved	7782-49-2	mg/l		20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				12000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			5.9
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				780
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				1.7
Barium, Total	7440-39-3	mg/l				71
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9					0.18
Calcium, Total	7440-70-2	+				62000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.44
Copper, Total	7440-50-8	mg/l				10
ron, Total	7439-89-6	mg/l				2400
Lead, Total	7439-92-1					34
Magnesium, Total	7439-95-4	mg/l				8200
Manganese, Total	7439-96-5	mg/l				98
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.2

Nickel, Total	7440-02-0	mg/l	 1.1
Potassium, Total	7440-09-7	mg/l	 2200
Selenium, Total	7782-49-2	mg/l	 2
Silver, Total	7440-22-4	mg/l	 0.21
Sodium, Total	7440-23-5	mg/l	 11000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 1.9
Zinc, Total	7440-66-6	mg/l	 58
General			
Alkalinity	STL00171	mg/L	 88
рΗ	STL00204	SU	 8.16
Total Hardness	STL00009	mg/L	 250
Total Suspended Solids	STL00161	mg/L	 190
·			250

#### Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FW-012
					Sample ID	FW-012-150809-11
					Date	8/9/2015
Analyte	CAS.NO					
			Recreationa	Agricultur		
Metals, Dissolved		I	IRSL	e		
Aluminum, Dissolved	7429-90-5		170000			46
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			62
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				68000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.1
ron, Dissolved	7439-89-6	mg/l	120000			34
Lead, Dissolved	7439-92-1	mg/l	200	100		0.84
Magnesium, Dissolved	7439-95-4	mg/l				8900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		13
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.87
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			15
Metals, Total		-				
Aluminum, Total	7429-90-5	mg/l				1300
Antimony, Total	7440-36-0					0.45
Arsenic, Total	7440-38-2					2.2
Barium, Total	7440-39-3					80
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.11
Calcium, Total	7440-70-2					68000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.62
Copper, Total	7440-50-8					12
ron, Total	7439-89-6					3200
_ead, Total	7439-92-1	mg/l				41
Magnesium, Total	7439-95-4					9100
Manganese, Total	7439-96-5					120
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.6

Nickel, Total	7440-02-0	mg/l	 1.4
Potassium, Total	7440-09-7	mg/l	 2500
Selenium, Total	7782-49-2	mg/l	 2
Silver, Total	7440-22-4	mg/l	 0.27
Sodium, Total	7440-23-5	mg/l	 16000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 2.6
Zinc, Total	7440-66-6	mg/l	 63
General			
Alkalinity	STL00171	mg/L	 94
рΗ	STL00204	SU	 8.26
Total Hardness	STL00009	mg/L	 290
Total Suspended Solids	STL00161	mg/L	 210
			290

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FW-040
				Sample ID	Sample ID	FW-040-150809-11
					Date	8/9/2015
Analyte	CAS.NO					
			Recreationa	Agricultur		
Metals, Dissolved		ı	IRSL	e	The state of the s	
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3		33000			66
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				70000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		4.3
ron, Dissolved	7439-89-6	mg/l	120000			17
_ead, Dissolved	7439-92-1	mg/l	200	100		0.19
Magnesium, Dissolved	7439-95-4	mg/l				9200
Manganese, Dissolved	7439-96-5	mg/l	7800	200		6.6
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		2.3
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			86
Metals, Total		0,				
Aluminum, Total	7429-90-5	mg/l				510
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.6
Barium, Total	7440-39-3					80
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.19
Calcium, Total	7440-70-2					69000
Chromium, Total	7440-47-3	-				1
Cobalt, Total	7440-48-4					0.58
Copper, Total	7440-50-8					10
ron, Total	7439-89-6					1900
_ead, Total	7439-92-1				<u></u>	14
Magnesium, Total	7439-95-4					8800
Manganese, Total	7439-96-5					160
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-97-0	mg/l				0.93

Nickel, Total	7440-02-0	mg/l		1.2
Potassium, Total	7440-09-7	mg/l		2200
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		16000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.8
Zinc, Total	7440-66-6	mg/l		71
General			-	
Alkalinity	STL00171	mg/L		110
рН	STL00204	SU		8.15
Total Hardness	STL00009	mg/L		280
Total Suspended Solids	STL00161	mg/L		210
				280

#### Bold - Bolded results identify a detected value.

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-020
					Sample ID	LVW-020-150809-11
					Date	8/9/2015
Analyte	CAS.NO					
Metals, Dissolved			Recreationa 1 RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.78
Barium, Dissolved	7440-39-3	mg/l	33000			73
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				54000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.13
Copper, Dissolved	7440-50-8	<u> </u>	6700	100		1.7
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.085
Magnesium, Dissolved	7439-95-4					7100
Manganese, Dissolved	7439-96-5		7800	200		3.9
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.5
Nickel, Dissolved	7440-02-0	-	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2400
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.6
Zinc, Dissolved	7440-66-6		50000			66
Metals, Total	17.10.00.0	6/				
Aluminum, Total	7429-90-5	mø/l				3200
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					2.4
Barium, Total	7440-39-3					170
Beryllium, Total	7440-41-7					0.65
Cadmium, Total	7440-43-9					0.15
Calcium, Total	7440-70-2	mg/l				63000
Chromium, Total	7440-47-3					1.3
Cobalt, Total	7440-48-4					3.2
Copper, Total	7440-50-8					12
ron, Total	7439-89-6					2400
Lead, Total	7439-89-0	mg/l			<u></u>	11
Magnesium, Total	7439-95-4					8000
Manganese, Total	7439-95-4					340
Mercury, Total	7439-96-3					0.08 U
Molybdenum, Total	7439-97-6	mg/l				0.08 0

Nickel, Total	7440-02-0	mg/l	 3.4
Potassium, Total	7440-09-7	mg/l	 3100
Selenium, Total	7782-49-2	mg/l	 2
Silver, Total	7440-22-4	mg/l	 0.1
Sodium, Total	7440-23-5	mg/l	 19000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 6.8
Zinc, Total	7440-66-6	mg/l	 45
General			
Alkalinity	STL00171	mg/L	 96
рН	STL00204	SU	 8.08
Total Hardness	STL00009	mg/L	 200
Total Suspended Solids	STL00161	mg/L	 190
·			200

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PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

				15.07()	Location	LVW-030
					Sample ID	LVW-030-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units				
			Recreationa		•	
Metals, Dissolved	7420.00.5	m=/1	1 RSL 170000	e		440
Aluminum, Dissolved Antimony, Dissolved	7429-90-5 7440-36-0		170000			440 0.4
1			50	100		0.49
Arsenic, Dissolved	7440-38-2		33000	100		82
Barium, Dissolved	7440-39-3		330	100		0.15
Beryllium, Dissolved	7440-41-7		83	100		
Cadmium, Dissolved	7440-43-9		85	10		0.043
Calcium, Dissolved	7440-70-2		210000	100		53000
Chromium, Dissolved	7440-47-3		210000	100		1 0.27
Cobalt, Dissolved	7440-48-4		50	100		0.37
Copper, Dissolved	7440-50-8		6700	100		2.4
ron, Dissolved	7439-89-6		120000	100		290
Lead, Dissolved	7439-92-1		200	100		1.1
Magnesium, Dissolved	7439-95-4		7000			6900
Manganese, Dissolved	7439-96-5		7800	200		23
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7		222			1.3
Nickel, Dissolved	7440-02-0		330	200		1.6
Potassium, Dissolved	7440-09-7					2500
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			1.4
Zinc, Dissolved	7440-66-6	mg/l	50000	No. 21 a. No. 21 a. No. 21 a. 21 a. 21 a. 21 a. 21		48
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				4300
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				2.6
Barium, Total	7440-39-3	mg/l				200
Beryllium, Total	7440-41-7	mg/l				0.94
Cadmium, Total	7440-43-9	mg/l				0.19
Calcium, Total	7440-70-2	+				67000
Chromium, Total	7440-47-3					2.2
Cobalt, Total	7440-48-4					4.5
Copper, Total	7440-50-8					15
ron, Total	7439-89-6					3100
Lead, Total	7439-92-1					13
Magnesium, Total	7439-95-4					8300
Manganese, Total	7439-96-5					470
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					0.58

Nickel, Total	7440-02-0	mg/l		4.4
Potassium, Total	7440-09-7	mg/l		3400
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		20000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		9.6
Zinc, Total	7440-66-6	mg/l		49
General			-	
Alkalinity	STL00171	mg/L		90
рН	STL00204	SU		8.08
Total Hardness	STL00009	mg/L		130
Total Suspended Solids	STL00161	mg/L		200
				130

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

				25.000	Location	MW-020
					Sample ID	MW-020-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur	•	
Metals, Dissolved		I	LRSL	e		
Aluminum, Dissolved	7429-90-5		170000			31
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			63
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				68000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.1
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.13
Magnesium, Dissolved	7439-95-4	mg/l				9000
Manganese, Dissolved	7439-96-5	mg/l	7800	200		11
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				2.1
Nickel, Dissolved	7440-02-0		330	200		1.1
Potassium, Dissolved	7440-09-7					2300
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					16000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			25
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				500
Antimony, Total	7440-36-0	1				0.4
Arsenic, Total	7440-38-2					1.6
Barium, Total	7440-39-3					76
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.12
Calcium, Total	7440-70-2					68000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.47
Copper, Total	7440-50-8					9.5
ron, Total	7439-89-6					1800
Lead, Total	7439-92-1					15
Magnesium, Total	7439-95-4					8900
Manganese, Total	7439-96-5					130
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					0.98

Nickel, Total	7440-02-0	mg/l		1.3
Potassium, Total	7440-09-7	mg/l		2300
Selenium, Total	7782-49-2	mg/l		2
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		1.6
Zinc, Total	7440-66-6	mg/l		63
General			-	
Alkalinity	STL00171	mg/L		95
рΗ	STL00204	SU		8.31
Total Hardness	STL00009	mg/L		260
Total Suspended Solids	STL00161	mg/L		210
·				260

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	NSW-020
					Sample ID	NSW-020-150809-11
					Date	8/9/2015
Analyte	CAS.NO					
Metals, Dissolved			Recreationa I RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			28
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				63000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.3
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.38
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		10
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					0.96
Nickel, Dissolved	7440-02-0	-	330	200		1.1
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					12000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			12
Metals, Total		- 0/				
Aluminum, Total	7429-90-5	mg/l				860
Antimony, Total	7440-36-0					0.41
Arsenic, Total	7440-38-2					2
Barium, Total	7440-39-3					73
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.13
Calcium, Total	7440-70-2					63000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.6
Copper, Total	7440-50-8					11
ron, Total	7439-89-6					2700
Lead, Total	7439-92-1	-				37
Magnesium, Total	7439-95-4					8400
Manganese, Total	7439-96-5					110
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.3

L., , , ,	T=		1
Nickel, Total	7440-02-0	mg/l	 1.1
Potassium, Total	7440-09-7	mg/l	 2300
Selenium, Total	7782-49-2	mg/l	 2
Silver, Total	7440-22-4	mg/l	 0.27
Sodium, Total	7440-23-5	mg/l	 12000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 2.2
Zinc, Total	7440-66-6	mg/l	 63
General			
Alkalinity	STL00171	mg/L	 91
рН	STL00204	SU	 8.14
Total Hardness	STL00009	mg/L	 260
Total Suspended Solids	STL00161	mg/L	 190
			260

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					Location	ADW-010
					in the second	ADW-010-150810-11
					Sample ID	
					Date	8/10/2015
Analyte	CAS.NO	Units	D	A . 1/		
Metals, Dissolved			Recreationa 1 RSL	Agricultur e	•	
Aluminum, Dissolved	7429-90-5	mg/l	170000			49
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			57
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				59000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.3
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.15
Magnesium, Dissolved	7439-95-4					8300
Manganese, Dissolved	7439-96-5		7800	200		16
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		0.97
Potassium, Dissolved	7440-09-7					2100
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					14000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			3.2
Metals, Total		16/		The New York Control of the Control		
Aluminum, Total	7429-90-5	mg/l				400
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.69
Barium, Total	7440-39-3					64
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.043
Calcium, Total	7440-70-2					60000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.28
Copper, Total	7440-50-8					5.3
ron, Total	7439-89-6					720
Lead, Total	7439-92-1					9.3
Magnesium, Total	7439-95-4					8500
Manganese, Total	7439-96-5					70
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.2

7440-02-0	mg/l			1.2
7440-09-7	mg/l			2100
7782-49-2	mg/l			0.58
7440-22-4	mg/l			0.1
7440-23-5	mg/l			14000
7440-28-0	mg/l			0.1
7440-62-2	mg/l			0.91
7440-66-6	mg/l			30
STL00171	mg/L			83
STL00204	SU			8.15
STL00009	mg/L			260
STL00161	mg/L			180
				260
	7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-62-2 7440-66-6 STL00171 STL00204 STL00009	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADW-021
					Sample ID	ADW-021-150810-11
					Date	8/10/2015
Analyte	CAS.NO	Units				
	<u> </u>		Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			45
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			57
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				60000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.13
Copper, Dissolved	7440-50-8	mg/l	6700	100		3.4
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.12
Magnesium, Dissolved	7439-95-4	mg/l				8500
Manganese, Dissolved	7439-96-5	mg/l	7800	200		13
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.1
Nickel, Dissolved	7440-02-0	mg/l	330	200		2.9
Potassium, Dissolved	7440-09-7	mg/l				2100
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			3.3
Metals, Total				,		
Aluminum, Total	7429-90-5	mg/l				0.4
Antimony, Total	7440-36-0					0.81
Arsenic, Total	7440-38-2					65
Barium, Total	7440-39-3					0.15
Beryllium, Total	7440-41-7					0.078
Cadmium, Total	7440-43-9					61000
Calcium, Total	7440-70-2	mg/l				1
Chromium, Total	7440-47-3					0.26
Cobalt, Total	7440-48-4					5.3
Copper, Total	7440-50-8					760
ron, Total	7439-89-6					9.8
Lead, Total	7439-92-1	mg/l				8700
Magnesium, Total	7439-95-4					63
Manganese, Total	7439-96-5					1.1
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1

Nickel, Total	7440-02-0	mg/l		2100
Potassium, Total	7440-09-7	mg/l		0.58
Selenium, Total	7782-49-2	mg/l		0.1
Silver, Total	7440-22-4	mg/l		13000
Sodium, Total	7440-23-5	mg/l		0.1
Thallium, Total	7440-28-0	mg/l		0.9
Vanadium, Total	7440-62-2	mg/l		29
Zinc, Total	7440-66-6	mg/l		
General				
Alkalinity	STL00171	mg/L		90
рН	STL00204	SU		8.15
Total Hardness	STL00009	mg/L		260
Total Suspended Solids	STL00161	mg/L		190
_				260

#### Bold - Bolded results identify a detected value.

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	ADW-021
					Sample ID	ADW-021-150810-12
					Date	8/10/2015
Analyte	CAS.NO					
Metals, Dissolved			Recreationa I RSL	Agricultur e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			57
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.37
Barium, Dissolved	7440-39-3	mg/l	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				60000
Chromium, Dissolved	7440-47-3		210000	100		1.3
Cobalt, Dissolved	7440-48-4	mg/l	50			0.13
Copper, Dissolved	7440-50-8		6700	100		2.2
ron, Dissolved	7439-89-6	mg/l	120000			34
Lead, Dissolved	7439-92-1		200	100		0.46
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		15
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0		330	200		1.2
Potassium, Dissolved	7440-09-7	-				2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			
Metals, Total		- 0/				
Aluminum, Total	7429-90-5	mg/l				300
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.37
Barium, Total	7440-39-3					62
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9					0.1
Calcium, Total	7440-70-2					60000
Chromium, Total	7440-47-3	-				1
Cobalt, Total	7440-48-4					0.23
Copper, Total	7440-50-8					4.8
ron, Total	7439-89-6					610
Lead, Total	7439-92-1					8.3
Magnesium, Total	7439-95-4					8500
Manganese, Total	7439-96-5					52
Mercury, Total	7439-90-3					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1

Nickel, Total	7440-02-0	mg/l		0.93
Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		13000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		0.76
Zinc, Total	7440-66-6	mg/l		26
General			-	
Alkalinity	STL00171	mg/L		89
рН	STL00204	SU		8.11
Total Hardness	STL00009	mg/L		240
Total Suspended Solids	STL00161	mg/L		180
				240

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

-022-150810-11 8/10/2015
8/10/2015
39
39
39
0.4
0.37
62
0.15
0.043
63000
1
0.12
3.3
17
0.15
8600
14
0.08 U
1.1
1.4
2100
0.58
0.1
13000
0.1
0.3
2.9
2.3
310
0.4
0.42
65
0.15
0.059
62000
1
0.24
4.8
640
8.5
8500
53
0.031
0.001

Nickel, Total	7440-02-0	mg/l	 0.92
Potassium, Total	7440-09-7	mg/l	 2100
Selenium, Total	7782-49-2	mg/l	 0.58
Silver, Total	7440-22-4	mg/l	 0.1
Sodium, Total	7440-23-5	mg/l	 12000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 0.65
Zinc, Total	7440-66-6	mg/l	 27
General			
Alkalinity	STL00171	mg/L	 93
рΗ	STL00204	SU	 8.28
Total Hardness	STL00009	mg/L	 260
Total Suspended Solids	STL00161	mg/L	 190
·			260

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FW-012
				Sam	Sample ID	FW-012-150810-11
					Date	8/10/2015
Analyte	CAS.NO					
			Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5		170000			36
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			58
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2	<u> </u>				63000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	<u> </u>	50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.4
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.073
Magnesium, Dissolved	7439-95-4					8400
Manganese, Dissolved	7439-96-5	<u> </u>	7800	200		12
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.8
Potassium, Dissolved	7440-09-7	mg/l				2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					15000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			2.8
Metals, Total		-				
Aluminum, Total	7429-90-5	mg/l				420
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2					0.84
Barium, Total	7440-39-3					66
Beryllium, Total	7440-41-7					0.15
Cadmium, Total	7440-43-9	mg/l				0.068
Calcium, Total	7440-70-2	mg/l				64000
Chromium, Total	7440-47-3	mg/l				1
Cobalt, Total	7440-48-4	mg/l				0.31
Copper, Total	7440-50-8	mg/l				5.4
ron, Total	7439-89-6	mg/l				790
_ead, Total	7439-92-1	mg/l				9.7
Magnesium, Total	7439-95-4	mg/l				8600
Manganese, Total	7439-96-5	mg/l				75
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1

7440 02 0			
7440-02-0	mg/l		1.3
7440-09-7	mg/l		2100
7782-49-2	mg/l		0.58
7440-22-4	mg/l		0.1
7440-23-5	mg/l		15000
7440-28-0	mg/l		0.1
7440-62-2	mg/l		1
7440-66-6	mg/l		30
STL00171	mg/L		87
STL00204	SU		8.16
STL00009	mg/L		270
STL00161	mg/L		200
			270
	7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-62-2 7440-66-6 STL00171 STL00204 STL00009	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	FW-040
					Sample ID	FW-040-150810-11
					Date	8/10/2015
Analyte	CAS.NO					
			Recreationa	Agricultur		
Metals, Dissolved		I	IRSL	e		
Aluminum, Dissolved	7429-90-5	<u> </u>	170000			79
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3		33000			60
Beryllium, Dissolved	7440-41-7		330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2	<u> </u>				64000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.13
Copper, Dissolved	7440-50-8		6700	100		2.6
ron, Dissolved	7439-89-6	mg/l	120000			91
Lead, Dissolved	7439-92-1		200	100		1.5
Magnesium, Dissolved	7439-95-4	mg/l				8400
Manganese, Dissolved	7439-96-5	mg/l	7800	200		13
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.2
Nickel, Dissolved	7440-02-0	mg/l	330	200		0.96
Potassium, Dissolved	7440-09-7	mg/l				2000
Selenium, Dissolved	7782-49-2	mg/l		20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5	mg/l				15000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2	mg/l	830			0.3
Zinc, Dissolved	7440-66-6	mg/l	50000			4.8
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				480
Antimony, Total	7440-36-0	mg/l				0.4
Arsenic, Total	7440-38-2	mg/l				0.37
Barium, Total	7440-39-3	mg/l				70
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9	mg/l				0.066
Calcium, Total	7440-70-2	mg/l				67000
Chromium, Total	7440-47-3	mg/l				1
Cobalt, Total	7440-48-4	mg/l				0.34
Copper, Total	7440-50-8					5.9
ron, Total	7439-89-6	mg/l				910
_ead, Total	7439-92-1	mg/l				11
Magnesium, Total	7439-95-4					8800
Manganese, Total	7439-96-5					79
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.2

Nickel, Total	7440-02-0	mg/l	 1.1
Potassium, Total	7440-09-7	mg/l	 2200
Selenium, Total	7782-49-2	mg/l	 0.58
Silver, Total	7440-22-4	mg/l	 0.1
Sodium, Total	7440-23-5	mg/l	 16000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 1
Zinc, Total	7440-66-6	mg/l	 32
General			
Alkalinity	STL00171	mg/L	 90
рН	STL00204	SU	 8.22
Total Hardness	STL00009	mg/L	 290
Total Suspended Solids	STL00161	mg/L	 200
			290

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-020
					Sample ID	LVW-020-150810-11
					Date	8/10/2015
Analyte	CAS.NO	Units				
			Recreationa I RSL	Agricultuı	•	
Metals, Dissolved						
Aluminum, Dissolved	7429-90-5		170000			24
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.48
Barium, Dissolved	7440-39-3		33000			68
Beryllium, Dissolved	7440-41-7	-	330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				50000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.4
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1	mg/l	200	100		0.11
Magnesium, Dissolved	7439-95-4	mg/l				6700
Manganese, Dissolved	7439-96-5	mg/l	7800	200		6.7
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.5
Potassium, Dissolved	7440-09-7	mg/l				2200
Selenium, Dissolved	7782-49-2	mg/l		20		0.58
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					18000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.48
Zinc, Dissolved	7440-66-6		50000			2.8
Metals, Total					1	
Aluminum, Total	7429-90-5	mg/l				3500
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.3
Barium, Total	7440-39-3					120
Beryllium, Total	7440-41-7					0.29
Cadmium, Total	7440-43-9					0.057
Calcium, Total	7440-70-2					55000
Chromium, Total	7440-47-3					2.1
Cobalt, Total	7440-48-4					1.6
Copper, Total	7440-50-8					6.2
ron, Total	7439-89-6					2400
Lead, Total	7439-92-1					6.5
Magnesium, Total	7439-95-4					7600
Manganese, Total	7439-96-5					140
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7					1.1

Nickel, Total	7440-02-0	mg/l		2.3
Potassium, Total	7440-09-7	mg/l		3000
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		18000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		5.3
Zinc, Total	7440-66-6	mg/l		20
General			-	
Alkalinity	STL00171	mg/L		89
рΗ	STL00204	SU		8.08
Total Hardness	STL00009	mg/L		240
Total Suspended Solids	STL00161	mg/L		150
				240

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-030
					Sample ID	LVW-030-150809-11
					Date	8/9/2015
Analyte	CAS.NO	Units				
			Recreationa	Agricultur		
Metals, Dissolved		ı	IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			440
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.49
Barium, Dissolved	7440-39-3		33000			82
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				53000
Chromium, Dissolved	7440-47-3	mg/l	210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.37
Copper, Dissolved	7440-50-8	mg/l	6700	100		2.4
ron, Dissolved	7439-89-6	mg/l	120000			290
Lead, Dissolved	7439-92-1	mg/l	200	100		1.1
Magnesium, Dissolved	7439-95-4	mg/l				6900
Manganese, Dissolved	7439-96-5	mg/l	7800	200		23
Mercury, Dissolved	7439-97-6	mg/l				0.08 U
Molybdenum, Dissolved	7439-98-7	mg/l				1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.6
Potassium, Dissolved	7440-09-7	mg/l				2500
Selenium, Dissolved	7782-49-2			20		2
Silver, Dissolved	7440-22-4	mg/l				0.1
Sodium, Dissolved	7440-23-5					20000
Thallium, Dissolved	7440-28-0	mg/l	1.7			0.1
Vanadium, Dissolved	7440-62-2		830			1.4
Zinc, Dissolved	7440-66-6		50000			48
Metals, Total				,		
Aluminum, Total	7429-90-5	mg/l				4300
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					2.6
Barium, Total	7440-39-3					200
Beryllium, Total	7440-41-7					0.94
Cadmium, Total	7440-43-9					0.19
Calcium, Total	7440-70-2					67000
Chromium, Total	7440-47-3	-				2.2
Cobalt, Total	7440-48-4					4.5
Copper, Total	7440-50-8					15
ron, Total	7439-89-6					3100
Lead, Total	7439-92-1	mg/l				13
Magnesium, Total	7439-95-4					8300
Manganese, Total	7439-96-5					470
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				0.58

Nickel, Total	7440-02-0	mg/l	 4.4
Potassium, Total	7440-09-7	mg/l	 3400
Selenium, Total	7782-49-2	mg/l	 2
Silver, Total	7440-22-4	mg/l	 0.1
Sodium, Total	7440-23-5	mg/l	 20000
Thallium, Total	7440-28-0	mg/l	 0.1
Vanadium, Total	7440-62-2	mg/l	 9.6
Zinc, Total	7440-66-6	mg/l	 49
General			
Alkalinity	STL00171	mg/L	 90
рН	STL00204	SU	 8.08
Total Hardness	STL00009	mg/L	 130
Total Suspended Solids	STL00161	mg/L	 200
			130

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	LVW-030
					Sample ID  Date	LVW-030-150810-11 8/10/2015
Analyte	CAS.NO	Units	100			
-	1 -1		Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			24
Antimony, Dissolved	7440-36-0	mg/l				0.4
Arsenic, Dissolved	7440-38-2	mg/l	50	100		0.53
Barium, Dissolved	7440-39-3	mg/l	33000			70
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9	mg/l	83	10		0.043
Calcium, Dissolved	7440-70-2	mg/l				51000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4	mg/l	50			0.12
Copper, Dissolved	7440-50-8		6700	100		2.3
ron, Dissolved	7439-89-6	mg/l	120000			17
Lead, Dissolved	7439-92-1		200	100		0.069
Magnesium, Dissolved	7439-95-4	mg/l				6800
Manganese, Dissolved	7439-96-5	mg/l	7800	200		6.7
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.3
Nickel, Dissolved	7440-02-0	mg/l	330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2300
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					18000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.91
Zinc, Dissolved	7440-66-6		50000			2.8
Metals, Total		- Oi				
Aluminum, Total	7429-90-5	mg/l				4700
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					1.7
Barium, Total	7440-39-3					140
Beryllium, Total	7440-41-7					0.36
Cadmium, Total	7440-43-9					0.049
Calcium, Total	7440-70-2	mg/l				55000
Chromium, Total	7440-47-3					2.6
Cobalt, Total	7440-48-4					2.1
Copper, Total	7440-50-8					7.3
ron, Total	7439-89-6					3100
Lead, Total	7439-92-1	mg/l				7.9
Magnesium, Total	7439-95-4					7600
Manganese, Total	7439-96-5					190
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.1

7440-02-0	mg/l		2.8
7440-09-7	mg/l		3200
7782-49-2	mg/l		0.58
7440-22-4	mg/l		0.1
7440-23-5	mg/l		18000
7440-28-0	mg/l		0.1
7440-62-2	mg/l		7.2
7440-66-6	mg/l		25
STL00171	mg/L		89
STL00204	SU		8.08
STL00009	mg/L		240
STL00161	mg/L		170
			240
	7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-62-2 7440-66-6 STL00171 STL00204 STL00009	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

					Location	MW-020
				Sample Date		
Analyte	CACNO				Date	8/10/2013
Allalyte	CAS.NO		Recreationa	Agricultur		
Metals, Dissolved			IRSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			39
Antimony, Dissolved	7440-36-0					0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3	-	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					65000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50			0.12
Copper, Dissolved	7440-50-8	-	6700	100		2.2
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.31
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		14
Mercury, Dissolved	7439-97-6					0.08 U
Molybdenum, Dissolved	7439-98-7					1.2
Nickel, Dissolved	7440-02-0		330	200		1.3
Potassium, Dissolved	7440-09-7	mg/l				2000
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					15000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			3.1
Metals, Total						
Aluminum, Total	7429-90-5	mg/l				530
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2	mg/l				0.66
Barium, Total	7440-39-3	mg/l				69
Beryllium, Total	7440-41-7	mg/l				0.15
Cadmium, Total	7440-43-9					0.12
Calcium, Total	7440-70-2					66000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4	mg/l				0.36
Copper, Total	7440-50-8					6.1
ron, Total	7439-89-6					1000
_ead, Total	7439-92-1	mg/l				12
Magnesium, Total	7439-95-4					8700
Manganese, Total	7439-96-5	mg/l				86
Mercury, Total	7439-97-6	mg/l				0.08 U
Molybdenum, Total	7439-98-7	mg/l				1.2

Nickel, Total	7440-02-0	mg/l		1.1
Potassium, Total	7440-09-7	mg/l		2100
Selenium, Total	7782-49-2	mg/l		0.58
Silver, Total	7440-22-4	mg/l		0.1
Sodium, Total	7440-23-5	mg/l		15000
Thallium, Total	7440-28-0	mg/l		0.1
Vanadium, Total	7440-62-2	mg/l		0.98
Zinc, Total	7440-66-6	mg/l		36
General				
Alkalinity	STL00171	mg/L		89
рН	STL00204	SU		8.11
Total Hardness	STL00009	mg/L		270
Total Suspended Solids	STL00161	mg/L		200
				270

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Table 1 Surfacewater Analytical Data - Region 6 Upper Animas River

					Location	NSW-020
					Sample ID  Date	NSW-020-150810-11 8/10/2015
Analyte	CAS.NO	Unite			Date	U/10/2013
Allalyte	CASINO	Oints	Recreationa	Agricultur		
Metals, Dissolved			1 RSL	e		
Aluminum, Dissolved	7429-90-5	mg/l	170000			45
Antimony, Dissolved	7440-36-0	-				0.4
Arsenic, Dissolved	7440-38-2		50	100		0.37
Barium, Dissolved	7440-39-3	-	33000			60
Beryllium, Dissolved	7440-41-7	mg/l	330	100		0.15
Cadmium, Dissolved	7440-43-9		83	10		0.043
Calcium, Dissolved	7440-70-2					61000
Chromium, Dissolved	7440-47-3		210000	100		1
Cobalt, Dissolved	7440-48-4		50	-		0.3
Copper, Dissolved	7440-50-8	-	6700	100		2.7
ron, Dissolved	7439-89-6		120000			17
Lead, Dissolved	7439-92-1		200	100		0.32
Magnesium, Dissolved	7439-95-4					8500
Manganese, Dissolved	7439-96-5		7800	200		12
Mercury, Dissolved	7439-97-6	<u> </u>				0.08 U
Molybdenum, Dissolved	7439-98-7					1.1
Nickel, Dissolved	7440-02-0	-	330	200		1.2
Potassium, Dissolved	7440-09-7	mg/l				2100
Selenium, Dissolved	7782-49-2			20		0.58
Silver, Dissolved	7440-22-4					0.1
Sodium, Dissolved	7440-23-5					13000
Thallium, Dissolved	7440-28-0		1.7			0.1
Vanadium, Dissolved	7440-62-2		830			0.3
Zinc, Dissolved	7440-66-6		50000			4.3
Metals, Total	7 1 10 00 0	1116/1	30000			1.5
Aluminum, Total	7429-90-5	mg/l				310
Antimony, Total	7440-36-0					0.4
Arsenic, Total	7440-38-2					0.37
Barium, Total	7440-39-3					64
Beryllium, Total	7440-33-3					0.15
Cadmium, Total	7440-43-9					0.073
Calcium, Total	7440-70-2	mg/l				60000
Chromium, Total	7440-47-3					1
Cobalt, Total	7440-48-4					0.22
Copper, Total	7440-50-8					4.7
Iron, Total	7439-89-6	-				640
Lead, Total	7439-92-1	mg/l				8.6
Magnesium, Total	7439-95-4					8400
Manganese, Total	7439-96-5	-				45
Mercury, Total	7439-97-6					0.08 U
Molybdenum, Total	7439-98-7	mg/l				1

7440-02-0	mg/l			0.98
7440-09-7	mg/l			2100
7782-49-2	mg/l			0.58
7440-22-4	mg/l			0.1
7440-23-5	mg/l			12000
7440-28-0	mg/l			0.1
7440-62-2	mg/l			0.74
7440-66-6	mg/l			24
STL00171	mg/L			99
STL00204	SU			8.12
STL00009	mg/L			250
STL00161	mg/L			180
				250
	7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-62-2 7440-66-6 STL00171 STL00204 STL00009	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-62-2 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L	7440-09-7 mg/l 7782-49-2 mg/l 7440-22-4 mg/l 7440-23-5 mg/l 7440-28-0 mg/l 7440-66-6 mg/l  STL00171 mg/L STL00204 SU STL00009 mg/L

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (millligrams per liter). Solids equivalent = mg/Kg.

Bold - Boldec	Bold	Bolded results identify a detected value.
J - Data Estin	J	Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Methc	MDL	Method Detection Limit
PQL - Practic	PQL	Practical Quantitation Limit, also known as reporting limit.
U - Analyte n	U	Analyte not detected at or above MDL qualifier
D - Diluted va	D	Diluted value qualifier.
mg/L - Parts	mg/L	Parts per million (millligrams per liter). Solids equivalent = mg/Kg.
ug/L - Parts	ug/L	Parts per billion (micrograms per liter). Solids equivalent = ug/Kg